

**ABSTRACT OF THE DISCLOSURE**

The invention concerns a security paper comprising at least two plies of paper, wherein at least one intermediate layer arranged between the two plies of paper comprises at least one element providing the paper with high double folding resistance, such as defined by the NF ISO 5626 standard, the two plies and said intermediate layer being closely assembled. The invention also concerns a method for making said paper whereby the intermediate layer is deposited by spraying.